

THE BUILDER.

MAW'S ENCAUSTIC TILES.—Prices and Samples (Plans or Glazed) of this beautiful and durable production of industrial art, and Patents for the use of water pipes and galleys in every style of design forwarded on application to MAW and CO. at their Works, Worcester, N.B.—Plans of rooms to be paved covered with encaustics in this pattern, without charge.

BRICKS!! BRICKS!! BRICKS!!!—To give notice and later writing to the numerous enquiries, L. DAVIS takes this method of announcing his new brick and Cement Works and Plans are all made to be on hand about one million Washed, and some Patents.

L. DAVIS is preparing for a large make this year, and is ready to trade with parties for any quantity in reasonable prices to be secured, and thus prevent disappointment and uncertainty.—Planned brick fields near the Royal Arsenal, Woolwich.

WHITE SUFFOLK and RED FACING
BRICKS, of superior quality. Moulded Bricks in any pattern.

COWLEY, KENT, and ENNER BRICKS; also Yellow and Pale Main Bricks, Cutters, Paviers, Shippers, &c. &c.

KENTISH RAG STONE of the finest quality, and of the blue tinge as much approved by Architects, can now be supplied at a reduction in price of about 10 per cent.

Apply to Mr. BENJAMIN GOUGH, E. Newington-crescent, Newington Bath.

MR. GOUGH has an abundant Supply of
BRICKS ON SALE.
And can execute orders to any extent, for immediate delivery.

E. NEWINGTON CRESCENT, NEWINGTON BUTTS.
AUSTIN'S REGISTERED BRICKS for BUILDING, BRICKWORK, ARCHITECTS, ENGINEERS, BUILDERS, BRICKMAKERS, and OTHERS.—W. AUSTIN respectfully solicits patronage for his improved-shaped Bricks, which are calculated for walls of various heights and thicknesses, and will be found to have the advantage of increased strength by their dovetail keying into each other (called British Road), affording facilities of leaving cavities for drainage of tanks from walls, vertically, and allowing a passage of pipes through vertical surfaces for heating, public buildings, churches, conservatories, mansions, picture-galleries, &c. &c. without risk of fire.—Prospectuses sent on application to Mr. W. AUSTIN, Architect, Farnham, Surrey. Licensed granted to Brickmakers. Specimens of Bricks may be seen at Hart's Brick Machine Manufactory, Atlas Works, Borough-road, South-west.

TO BRICKMAKERS AND CONTRACTORS.
HART'S PATENT PORTABLE BRICK MACHINE.—This machine has now been well tested (see Daily Mercury of the 10th inst.) and is found fully to answer what has been stated of it; it is fitted for the performance of the largest contracts, and for the work of the smaller fields; it will work any kind of clay, produce a perfect brick, more perfect in shape and quality than can be made by hand, will make a light brick or a compressed brick, as may be wished. At work daily at the Atlas Works, Borough-road, South-west.

Hart's Patent Double-action Slicer, Brick and Tile Machine, the simplest and strongest that can be made. Nailed and Hollow Bricks, Pipes, and all descriptions of ornamental Bricks and Tile Work.—For drawings and full particulars apply to JAMES HART, Atlas Works, Borough-road, London.

JORDAN'S PATENT MACHINE-CARVING,
J. and CHURCH-JOINERY WORKS, Redcross-road, Lambeth.—The Proprietors of the above Works have to return their best thanks to the Nobility, Architects, Builders, and the Public generally for the very liberal support they have rendered, and to assure them that it will be their constant endeavor to deserve.

In addition to the general machinery and carving business, they undertake (contracts to execute) and fit every description of machinery-work required in the fitting-up of Churches and Chapels, viz.—carved and moulded bench seating, screens, pulpits, reading-desks, lecterns, sedilia, altar-rails, doors, trancoms, vestibule, altar-fronts, &c. &c. and all the most modern and improved carvings, together with tracery and mouldings, and the construction of elaborate staircases, chimney-pieces, &c.

The Proprietors respectfully call the attention of Architects and all persons engaged in buildings to their new application of machinery to the hewing of various floors, doors, dados, ball and dining-room panelings, cornices, &c. specimens of which are being prepared for Dudley House, and can be seen at the works; so also every description of carved work and mouldings required in the building trade.—For prices and estimates apply to the manager upon the premises.

N.B. A richly-carved oak screen, which obtained the prize medal at the Great Exhibition, for sale.

THE GREAT EXHIBITION IN LONDON AWARDED A PRIZE MEDAL TO THESE MACHINES.
PATENT MACHINES, for Planing, Moulding,
Mortising, Trenching, Grooving, Boring, and Boring, as used by joiners, builders, coachmakers, railway carriage and steam boiler makers, cabinet manufacturers, piano-forte makers, &c. The principal institutions for the encouragement of Arts have awarded premiums to these machines; they have been found in every respect perfect in their operations, on either hand or with wood, and will perform all the ordinary descriptions of work required in the above trades in a superior manner, at a greatly reduced cost. These machines are now used by the British, French, and American Governments, and by all the principal contractors, builders, and machinists in the United Kingdom.

Sold by WILLIAM FURNESS, Patience, 2, Leaden-street, Liverpool.

HEAL and SON'S ILLUSTRATED CATALOGUE of REDUCED PRICES, sent free by post, contains designs and prices of upwards of One Hundred different Bedsteads in Iron, Brass, Japanese Wood, polished Birch, Mahogany, Rosewood, and Walnut-tree Woods; also their grand List of Bedding, and their new arrangements enable them to keep one of each design fixed for inspection. They have also, in addition to their usual stock, a great variety of the best designs of PARISHAN BEDSTEADS, both in wood and iron, which they have just imported.—HEAL and SON, Redcross-road and Building Manufacturers, 188 Tottenham Court Road, Tottenham Court Road.

SMITH'S REGISTERED AUTOMATON
CLIMBER-PAN AND TRAP
WITH OUTLET FUNCTION and AIR-TIGHT CAP for communication with the trap and drain-pipe, extra 3s. 6d.

The above are adapted for general purposes, but very especially designed for connection with SMITH'S REGISTERED AUTOMATON, or SELF-ACTING FLUSHING, forming together the cheapest and most efficient water-closet ever introduced; detailed particulars and prices of which may be had of THOS. SMITH, Home Ware Drain Pipe Manufacturer, 72, Prince's-street, Lambeth.

STOCK & SON'S SOIL-PAN SERVICE-BOX.
The object of this contrivance is to facilitate the introduction of sanitary improvements into the dwellings of the working classes by the adoption of such an arrangement of cheap soil-pans as will enable the "constant supply system" of water service to be made available for the removal of the refuse, by preventing the enormous waste of water in places of this description, in which water consumption now so extravagantly and improperly is used. By the use of this service box an ample supply of water is obtained, without the possibility of its being wasted by being run, or by other means. It is so constructed that, as long as the discharge valve remains open, a further supply cannot enter the service box from the main.—Drawings and description may be obtained from STOCK and SON, Manufacturers of Plaster, Brick-work, Pottery, China, and Glass, &c. &c. 10, Finsbury Pavement, and Church Furniture in Iron and Brass, Temple-street, Birmingham.

CHEAP, LIGHT, AND DURABLE ROOFING.
CROGGON'S PATENT ASPHALTE ROOFING FELT, has been extensively used and pronounced efficient, and particularly applicable for warm climates.

1st. It is a non-conductor.—2nd. It is portable, being packed in rolls, and not liable to damage in carriage.—3rd. It absorbs a weight of half the timber usually required.—4th. It can be easily applied by any unskilled person.—5th. From its lightness, weighing only about 10 lbs. to the square of 100 feet, the cost of carriage is small.—6th. Under slate, metal, or tile, it is a most effective non-conductor.

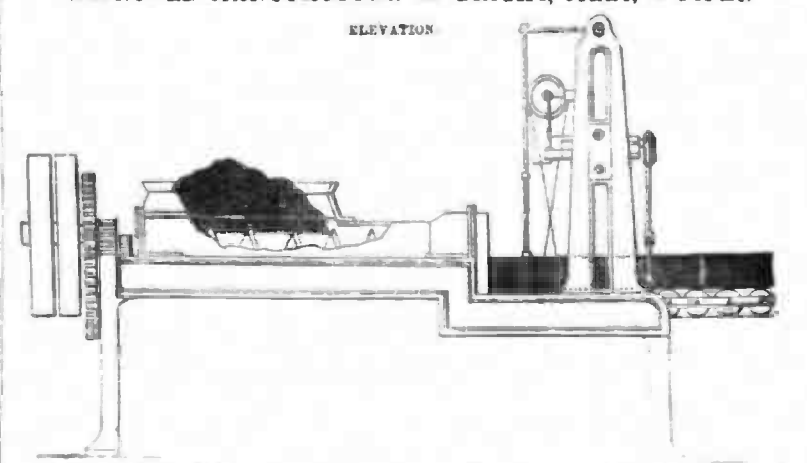
INDURABLE FELT, for damp walls and for damp floors, under carpets and floor cloths. Price ONE PENNY per Square Foot.

CROGGON and CO.'S PATENT FELTED SHEATHING, for Covering Ships' Boilers, &c. &c.

DRY HAIR FELT, for Covering Steam Boilers, Pipes, &c. preventing the radiation of heat, saving 25 per cent. of Fuel, and rendering them sound.

Samples, testimonials, and full instructions, on application to CROGGON and CO. 2, DOWGATE-HILL, LONDON.

RANDELL AND SAUNDERS'S PATENT MACHINE,
FOR THE
IMPROVED MANUFACTURE OF BRICKS, TILES, & PIPES.



In this machine are combined the two objects so long sought in brick machines—a press which forces the clay through a die without compression so long as the clay is supplied to the machine, and a perpetual self-acting cutter, which severs the clay the required length without interfering with its progress.

The clay, in a rough state, is thrown upon the screen by the person employed to fill the machine; the screen, in revolving, thoroughly pags the clay, and also force it forward into a chamber at the other end of the cylinder in which they revolve; from this chamber the clay is allowed to issue through a die, and it is obvious that the stream of clay must take the form of the opening through which it passes, and this opening can be made of the form required to make bricks, tiles, pipes, and other descriptions of ware.

When it is necessary to give the ends of the bricks a corrugated shape, this can be done by attaching a knife to the cylinder of the cutter; this knife revolves with the cylinder, and it made the shape required for the ends of the bricks, which form it imparts to the bricks in cutting them. This arrangement is adapted for making Messrs. RANDELL and SAUNDERS'S Patent Draining Bricks for sewage purposes, which make a drain of much greater strength than the closure of ordinary pipes, and at far less cost.

The machine is self-acting—the attendant has merely to put in the clay, and remove the bricks, or other ware, which may be produced.

When worked with two-horse power, the machine will produce 1,000 bricks, or 1,800 8-inch pipes, per hour; more power can be applied if desirable, and a larger result obtained.

The screen propel the clay without taking any air with it; thus the ware comes out free from the imperfections which are so often seen in the ware produced by piston presses; and the loss so generally incurred by waste in burning, from the expansion of the air in the ware, is avoided.

The moderate price of this machine, and the simplicity of its construction, place it within the reach of almost every person in the trade, both as to cost and management. It not only saves the cost of labour required in the process of brick making, but, as the die can be used in a much drier state than it can be when moulded by the hand, the time occupied in drying is much less; and, what better bricks are made, a material saving is effected in the cost of manufacture and burning. In consequence of the great compactness given to the clay in its transit, ware of very superior quality is produced.

For price and further particulars apply to RANDELL and SAUNDERS, Bath; or to CHARLES JOHN CARR and COMPANY, Engineers, Bolton, Lancashire.

GREAT EXHIBITION, 1851.



13s. each Shaft, 7 feet 6 inches high. 3s. for every extra foot.

JAMES LUFF, MANUFACTURER OF ALL KINDS OF ORNAMENTAL BRICKS AND TILES, RED AND WHITE,
of the best quality, suitable for Chimney Shafts, Bidge-Crests, Cornices, and Mouldings, of every description.

N.B. Builders furnishing detail drawings, can have all sorts of ornamental designs executed; a small additional charge made for the moulds.

TUDDENHAM, IPSWICH.

* Specimens of the Bricks may be seen at Mr. Newson's, Builder, 30, Grosvenor Mews, New Bond-street.